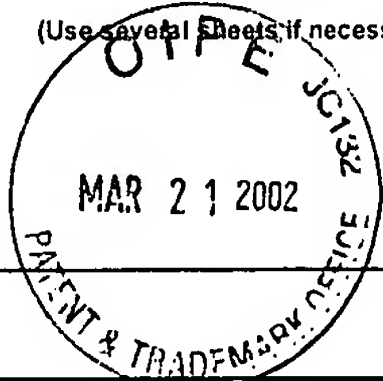

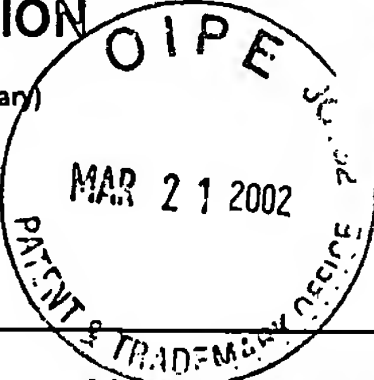
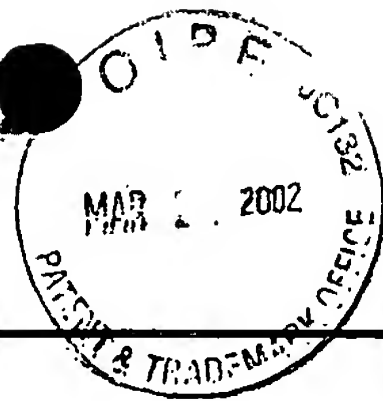


Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets, if necessary)			Docket Number (Optional) <div style="font-size: 1.5em; text-align: center;">5061</div>		Application Number <div style="font-size: 1.5em; text-align: center;">10/017,454</div>		
			Applicant <div style="text-align: center;">Cao</div>		Group Art Unit <div style="font-size: 1.5em; text-align: center;">3732</div>		
			Filing Date <div style="font-size: 1.5em; text-align: center;">12-13-01</div>				
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
PL	6,200,134	3/13/2001	Kovac et al	433	29	1/20/98	
	5,713,738	2/3/1998	Yarborough	322	215	9/5/1996	
	6,254,388	7/3/2001	Yarborough	433	215	2/2/1998	
	6,331,111	12/18/2001	Cao	433	29	9/24/1999	
	4,221,994	9/9/1980	Friedman et al	315	224		
	4,666,406	5/19/1987	Kanca III	433	229		
	4,935,665	6/19/1990	Murata	313	500		
	4,963,798	10/16/1990	McDermott	315	312		
	4,989,217	1/29/1991	Ostler	372	107		
	5,115,761	5/26/1992	Hood	118	641		
	5,123,845	6/23/1992	Vassilladis et al	433	215		
	5,161,879	11/10/1992	McDermott	362	206		
	5,214,658	5/25/1993	Ostler	372	23		
	5,233,283	8/3/1993	Kennedy	320	13		
	5,275,564	1/4/1994	Vassilladis et al	433	226		
	5,415,543	5/16/1995	Rosmajzl Jr.	433	29		
	5,420,768 ⁷⁶⁸	5/30/1995	Kennedy	362	119		
	5,472,991	12/5/1995	Schmitt et al	522	4		
	5,550,853	8/27/1996	Ostler	372	34		
	5,616,141	4/1/1997	Cipolla	606	15		
	5,803,729	9/8/1998	Tslmerman	433	29		
	6,008,264	12/28/1999	Ostler et al	522	4		
	6,282,013	8/28/2001	Ostler et al	359	309		
	5,634,711	6/3/1997	Kennedy et al	362	119		
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
	PL	Published PCT Patent Application PCT/US99/01126 (WO 99/35995) (22 July 1999)					
	EXAMINER 			DATE CONSIDERED <div style="font-size: 1.5em; text-align: center;">9/17/2003</div>			
	EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Docket Number (Optional) <div style="font-size: 1.5em; text-align: center;">5061</div>		Application Number <div style="font-size: 1.5em; text-align: center;">10/017,454</div>	
				Applicant <div style="text-align: center;">Cao</div>		Group Art Unit <div style="font-size: 1.5em; text-align: center;">3732</div>	
				Filing Date <div style="font-size: 1.5em; text-align: center;">12-13-01</div>			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<div style="border-bottom: 1px solid black; width: 100%;"></div>							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<div style="font-size: 1.5em; text-align: center;">RL</div>		"Savings on Curing Lights from Lone Star Dental Corp.", including First Medica Hilux 200, Spring Health Powerlite and Dentamerica Litex (1 page) (printout from www.denteqip.com).					
<div style="font-size: 1.5em; text-align: center;"> </div>		"LED Curing Light" from TOESCO Yoshida Toei Engineering Co., Ltd. (October 2001).					
<div style="font-size: 1.5em; text-align: center;"> </div>		"Dental/Medical Diagnostic Systems, Inc. Receives \$4.0 Million Order for Its Wireless Apollo e and Wavelight Curing Unites Based on New LED Technology" (2 pages) (printout from www.compoundsemiconductor.net).					
<div style="font-size: 1.5em; text-align: center;"> </div>		"Heat Data" (2 pages) (regarding rise in tooth pulp temperature with various curing lights).					
<div style="font-size: 1.5em; text-align: center;"> </div>		"Comparison to Other Curing Lights" (2 pages) (printout from www.cranews.com)					
<div style="font-size: 1.5em; text-align: center;"> </div>		"Curing Performance" (4 pages) (printout from www.cranews.com)					
<div style="font-size: 1.5em; text-align: center;"> </div>		"Technical Data" (3 pages) (printout from www.cranews.com)					
<div style="font-size: 1.5em; text-align: center;"> </div>		"Photographs" depicting Virtuoso curing light (printout from www.cranews.com)					
<div style="font-size: 1.5em; text-align: center;"> </div>		Caughman, et al., "In Vitro Intrapulpal Temperature Rise with a Variety of Light Sources" (1 page).					
<div style="font-size: 1.5em; text-align: center;"> </div>		Bouschlicher, et al., "Intrapulpal Temperature Increases with LED, QTH and Arc Photoinitiation" (1 page).					
<div style="font-size: 1.5em; text-align: center;"> </div>		Meyer et al., "Decrease in Power Output of Blue LD Curing Lights with Increasing Distance to Filling Surface" (1 page).					
<div style="font-size: 1.5em; text-align: center;"> </div>		Parr et al., "Spectral Analysis of Commercial LED Dental Curing Lights" (1 page)					
<div style="font-size: 1.5em; text-align: center;"> </div>		CRA Newsletter, Vol. 20, Issue 3, "Intraoral Resin Curing Lights", (March 1996) (2 pages).					
<div style="font-size: 1.5em; text-align: center;"> </div>		CRA Newsletter, "Resin Curing Light, Cordless" (2 pages).					
<div style="font-size: 1.5em; text-align: center;"> </div>		CRA Newsletter, "Visible Curing Lights" (4 pages).					
<div style="font-size: 1.5em; text-align: center;"> </div>		"Power PAC" (3 pages) (printout from www.americandentaltech.com)					
<div style="font-size: 1.5em; text-align: center;"> </div>		"The PAC" (2 pages) (printout from www.americandentaltech.com)					
<div style="font-size: 1.5em; text-align: center;"> </div>		"The Science of Curing" (8 pages) (printout from www.lasermed.com)					
<div style="font-size: 1.5em; text-align: center;"> </div>		"The Accucure 1000" (2 pages) (printout from www.lasermed.com)					
<div style="font-size: 1.5em; text-align: center;"> </div>		"The Accucure 3000" (2 pages) (printout from www.lasermed.com)					
<div style="font-size: 1.5em; text-align: center;">RL</div>		"RemeCure CL15" (1 page) (printout from www.remedent.com)					
EXAMINER <div style="font-size: 1.5em; text-align: center;">RL</div>				DATE CONSIDERED <div style="font-size: 1.5em; text-align: center;">9/17/2003</div>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							



Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

Docket Number (Optional)

5061

Application Number

10/017,454

Applicant

Cao

Filing Date

12-13-01

Group Art Unit

3732

OIPE J0132 MAR 21 2002 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
PL			"LumaLite Luma 8, LumaArch, LumaCure" (4 pages) (printout from www.luma-lite.com)			
			"Curing Light XL 3000" (3 pages) (printout from www.brooks.af.mil)			
			"LumaCure Cordles Curing Light" (2 pages) (printout from www.brooks.af.mil)			
			"Compo-T VLC Visible Light Cure Composite Dental Restorative Materials" (4 pages) (Printout from www.yates-motloid.com)			
			Bayne et al, "Update on dental composite restorations", JADA, vol. 125, June 1994, pages 687-701.			
			"Accucure 3000" brochure (2 pages)			
			"Accucure 1000" brochure (2 pages)			
			"LaserMed AGD Show Special AccuCure 3000 Laser Show Special" flyer (1 page)			
			"LumaCure" flyer (1 page).			
			"ARC Light IIM" brochure (2 pages).			
			"Introducing the Apolloelight wireless curing light" flyer (1 page).			
			"Just Cure It" brochure (3 pages) (printed out from www.airtechniques.com)			
			"Resin Curing Lights: What You Should Know", page 36 from Contemporary Esthetics and Restorative Practice, November, 2001.			
			"Starlight Starlight p" flyer (1 page).			
			"Exelite" flyer (1 page)			
			"Epilar FreeLight" flyer (1 page).			
			"Centrix, Introducing VersaLux the world class battery operated LED curing light that fits in the palm of your hand (July-August 2001) (1 page)			
			"ZAP Dental Curing" flyer (1 page)			
			"EXELITE" flyer (1 page)			
			"Elipar Freelight Curing Light" (2 pages) (printout from cms.3m.com)			
PL			"Intraoral Resin Curing Lights - Update '96" excerpt from March 1996 CRA newsletter (2 pages).			

EXAMINER

PL

DATE CONSIDERED

9/17/2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

RECEIVED
MAR 22 2002
TECHNOLOGY CENTER R3700

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small> <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"><div style="text-align: center;">OIP MAR 21 2002 PATENT & TRADEMARK OFFICE</div></div>			Docket Number (Optional) <div style="font-size: 1.5em; font-family: cursive;">5061</div>	Application Number <div style="font-size: 1.5em; font-family: cursive;">10/017,454</div>		
Applicant <div style="text-align: center;">Cao</div>						
Filing Date <div style="font-size: 1.5em; font-family: cursive;">12-13-01</div>	Group Art Unit <div style="font-size: 1.5em; font-family: cursive;">3732</div>					
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<div style="font-size: 2em; font-family: cursive;">RL</div>	5,660,461	8/26/1997	Ignatius et al	362	241	
	5,698,866	12/16/1997	Doiron et al	257	99	
	5,803,729	9/8/1998	Tsimerman	433	29	
	5,890,794	4/6/1999	Abtahi et al	362	294	
	6,019,482	2/1/2000	Everett	362	184	
	6,077,073	6/20/2000	Jacob	433	29	
	6,095,661	8/1/2000	Lebens et al	362	184	
	6,102,696	8/15/2000	Osterwalder	433	29	
	5,328,368	7/12/1994	Lansing et al	433	116	
	Des. 361,382	8/15/1995	Brunsell et al	24	177	
	Des. 385,051	10/14/1997	Wu	D26	2	
	6,325,623	12/4/2001	Melnyk et al	433	29	3/31/2000
	6,322,358	11/27/2001	Senn et al	433	29	
	6,095,812	8/1/2000	Senn et al	433	29	
	6,159,005	12/12/2000	Herold et al	433	29	
	6,318,996	11/20/2001	Melikechi et al.	433	29	
	6,325,623	12/4/2001	Melnyk et al	433	29	
	<div style="font-size: 4em; font-family: cursive;">Z</div>					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER <div style="font-size: 2em; font-family: cursive;">RL</div>			DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">9/17/2003</div>			
<small>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.</small>						

Form PTO-1449		Docket Number (Optional) 5061		Application Number 10/017,454	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant Cao		Filing Date 12-13-01	
		Group Art Unit 3732			
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
PL		"3M ESPE Introduces New LED Curing Light" (2 pages) (printout from cms.3m.com)			
PL		"NRG L.E.D. Curing Light" brochure (4 pages).			
<div>RECEIVED MAR 22 2002 TECHNOLOGY CENTER R3700</div>					
EXAMINER	DATE CONSIDERED		9/17/2003		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.					

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

5061

Application Number

10/017,454

Applicant

Cao

Filing Date

12-13-01

Group Art Unit

3732

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RL		"All-Cure Standard and Custom Dental Curing Lightguides" (1 page) (Printout from www.all-cure.com)
		"Welcome to Bonart Medical Supply" (2 pages) (printout from www.bonartmed.com)
		"Bonart" (4 pages listing dental equipment including ART-L1 'High Power Light Curing Unit') (printout from www.bonartmed.com)
		"Dentamerica - Litex" (2 pages discussing Litex 680A, Litex 682, and Litex 692 curing lights) (printout from www.dentamerica.com)
		"Problems with the Apollo E curing light" (1 page article) (printout from www.imakenews.com)
		"Bellini X Ray" (2 pages depicting Sunlite 1275 curing light) (printout from www.bellinixray.com)
		"ACTA CURING LIGHT" (2 pages) (printout from www.amadent.com)
		"Laser Technology in Dentistry" (3 pages) (printout from dentistry.about.com)
		"Synopsis of Visible Light Curing Units" (8 pages summarizing various curing lights) (printout from www.brooks.af.mil)
		"Zap Dual Curing Light" (2 pages) (printout from www.brooks.af.mil)
		"Vivalux II Cordless Polymerization Unit" (2 pages) (printout from www.brooks.af.mil)
		"VersaLux Cordless Curing Light" (2 pages) (printout from www.brooks.af.mil)
		"Variable Intensity Polymerizer Light Curing Unit (VIP)" (3 pages) (printout from www.brooks.af.mil)
		"Spectrum 800 Curing Unit" (2 pages) (printout from www.brooks.af.mil)
		"Optilux 501 Polymerization Unit" (2 pages) (printout from www.brooks.af.mil)
		"Optilux 500 Polymerization Unit" (2 pages) (printout from www.brooks.af.mil)
		"Optilux 180 & 360 Polymerization Units" (2 pages) (printout from www.brooks.af.mil)
		"Hilux 350 Curing Light" (2 pages) (printout from www.brooks.af.mil)
		"Epilar Highlight Curing Light" (2 pages) (printout from www.brooks.af.mil)
		"Apollo 95E Curing Light" (2 pages) (printout from www.brooks.af.mil)
RL		"ARC Light II" (2 pages) (printout from www.brooks.af.mil)

EXAMINER

RL

DATE CONSIDERED

9/17/2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.